

Desnormalización (uso $K=10$)

$$F_0 = 10 \text{ KHz} \Rightarrow \omega_0 = 2\pi \cdot 10 \text{ KHz} \quad Q = 20$$

$$\text{Eligo } C = C_2 = 10 \text{ nF}$$

$$C = \frac{Q}{\omega_0 R_z} \Rightarrow 10 \text{ nF} = \frac{1}{2\pi \cdot 10 \text{ KHz} \cdot R_z} \Rightarrow R_z = 1591 \Omega$$

$$R = Q \cdot R_z \Rightarrow R = Q \cdot R_z \Rightarrow R = 20 \cdot 1591 \Omega \Rightarrow R = 31820 \Omega \approx 31,82 \text{ K}\Omega$$

$$R_1 = R_4 = Q \cdot R_z \Rightarrow R_1 = R_4 = 9 \cdot 1591 \Omega \Rightarrow R_1 = R_4 = 14319 \Omega \approx 14,32 \text{ K}\Omega$$

$$R_3 = R_5 = 1 \cdot R_z \Rightarrow R_3 = R_5 = 1591 \Omega \approx 1,59 \text{ K}\Omega$$